

DATA CONSISTENCY FOR MIRRORING UPDATABLE SOURCE DATA STORAGE

ABSTRACT

An information handling system for mirroring data, in a fashion that is similar to asynchronous mirroring, but less complex in function. Source data storage for storing and updating data is provided, with first intermediate data storage, target data storage, second intermediate data storage, and mirroring control. The mirroring control conducts first cyclic incremental flashcopy of the source data storage, the beginning of each first cyclic incremental flashcopy comprising a consistency point. The first cyclic incremental flashcopy comprises copying data to be mirrored to the first intermediate data storage and synchronously mirroring the data to the second intermediate data storage. A second cyclic incremental flashcopy of the second intermediate data storage is conducted to the target data storage, the second cyclic incremental flashcopy beginning in response to completion of the first cyclic incremental flashcopy; the beginning of the second cyclic incremental flashcopy comprising commit of the consistency point.